

# **Busch-ComfortTouch<sup>®</sup>** OPERATING INSTRUCTIONS

Power and productivity  
for a better world™





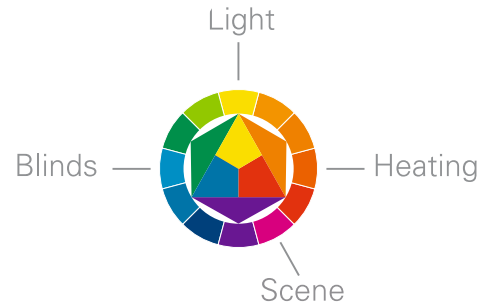
**COMFORT** STANDS FOR COMPLEXITY WITHOUT CONFUSION

The following pages will guide you through the functions of this convenient home control system. With intuitive operation, you'll quickly become familiar with the many features of this versatile technology.

The system is easy to use and user-friendly. The control panel for the intelligent home control system by Busch-Jaeger features a specially designed colour coding system in which every comfort area is assigned a special, logically developed colour:

## THE COLOURS OF INTUITION

- The lighting control is yellow like the sun
- The blinds are controlled by blue elements like the sky
- Heating and ventilation functions are orange to evoke warmth
- Living scenes are magenta and stand for lifestyle



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BASIC DESIGN

E

D



A

B

C

The features available with Busch-*ComfortTouch*® depend on your individual installation. As a result, the display screen for the control pages and the names of functions vary from Busch-*ComfortTouch*® to Busch-*ComfortTouch*®. However, the basic design is always the same.

- A CONTROL PANEL** This is individually configured for you.
- B NAVIGATION BAR** Contains a menu custom-tailored to your home.
- C STATUS BAR** Icons display information about your Busch-*ComfortTouch*®.
- D RSS FEEDS** Enables you to display RSS feeds on your welcome screen.
- E ROOM THERMOSTAT** In addition to the status bar, you can also display the temperature.



red dot award,  
communication design 2008  
for Interface Design

# NAVIGATION / STATUS BAR



Sun 04/06/08  
DATE DISPLAY

Press the date on the touchscreen to open a selection **“Weekly Programs”**. The function **“Weekly Programs”** is described in more detail under.



REMOTE DESKTOP

When this icon is displayed, the *Comfort-Touch* is being accessed by an external device.

10:20  
TIME DISPLAY

Press the time on the touchscreen to open a selection menu with the alarm clock and timer. For a description of this function, see **“Alarm Clock/Timer”**.



19.3 °C  
ROOM THERMOSTAT

Displays the current room temperature and operating mode. Press the temperature on the touchscreen to open the room thermostat. For a description of this function, see **“Room Thermostat”**.



CUSTOMER SERVICE

Displays system status and customer service, in the event of questions or problems.



THUMBTRACK

Touch the thumbtack to hold the screen view. Otherwise, your *Busch-ComfortTouch®* reverts to the welcome screen after a specified time.



LOGIN

Displays the user group currently logged on. If the icon does not appear in the status bar, then you are logged on as a guest.





## MESSAGES

Touch this icon to display the selection menu. Choose from an image message, voice message or an e-mail.



## MULTIMEDIA

Touch this icon to open a multimedia player. For a description of this function, see **"Multimedia Player"**.



## ALARM MESSAGES

Get notices, messages or alarms, e. g., information when inserting an SD card or alarm in case of glass breakage (requires window contact).



## ALARM SYSTEM

Press the icon on the touchscreen to display an **"Open Alarm System"**. For a description of this function, see **"Alarm System"**.



## PRESENCE SIMULATION

By pressing this icon, you can run the presence simulation function or record it. Recordings with your *Busch-ComfortTouch®* are made on a continuous basis to ensure that you constantly have current information. The presence simulation is activated for longer periods of absence, e. g., holidays. Your *Busch-ComfortTouch®* switches lights and blinds on and off to create the impression that someone is at home.



## COMFORT TOUCH VOLUME

Touch this icon to open a slider to adjust the volume. Move the slider to adjust the volume for all *Busch-ComfortTouch®* applications.

Caution: Setting the volume to **"mute"** also disables the warning tone for the alarm clock.




## BABY PHONE

Touch this icon to open the Baby Phone application. Refer to **"Baby Phone"** for a description of this feature.

## NAVIGATION / NAVIGATION BAR



### START BUTTON

Press Start to open the welcome screen. Press and hold to  activate the cleaning lock, which elapses after 60 seconds.

### NAVIGATION ARROWS

Touch an arrow to scroll to the previous or next menu items.

### NAVIGATION MENU

A sample menu is shown here. Your electrician will set up an individual menu for you.

## USER-FRIENDLY ICONS MAKE IT EASY TO OPERATE YOUR BUSCH-COMFORTTOUCH®



**ALARM CLOCK  
ENABLED**



**TIMER ENABLED**



**CLEANING LOCK  
ENABLED**



**AC ON**



**MUSIC ENABLED**



**THERMOSTAT OFF  
(FROST PROTECTION ENABLED)**



**WINDOW TILTED**



**WINDOW  
CLOSED**



**WINDOW OPEN**



**ROOF WINDOW  
CLOSED**



**ROOF WINDOW  
OPEN**



**WIND ALARM  
ENABLED**



**DEW POINT**



**MANUAL HEATING**



**MANUAL COOLING**



**CONDENSATION**



**HEAT PROTECTION  
MODE**



**NOTE**



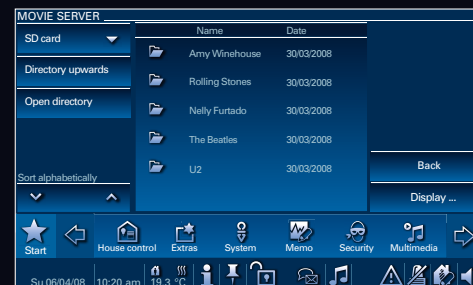
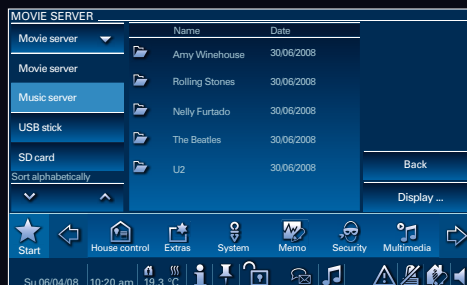
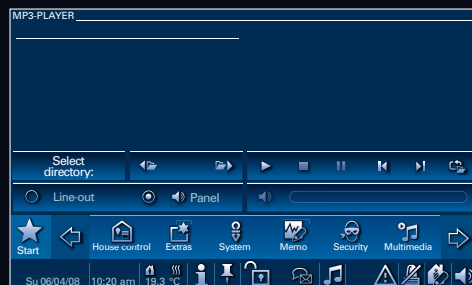
**WARNING**



**ALARM**



# MEDIA PLAYER



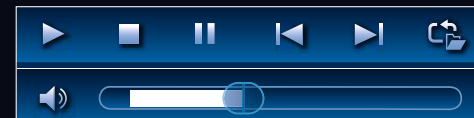
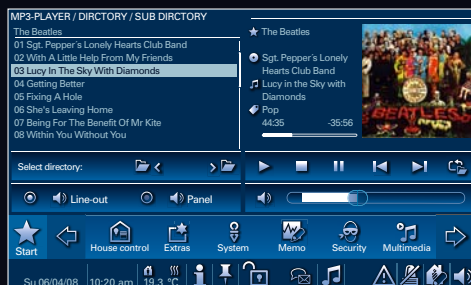
## MEDIA PLAYER

Touch the **“Media Player”** icon in the status bar or the corresponding item in the navigation menu to open the media player.

Press **“Select Directory”** in the media player to open the file browser.

Choose between USB stick or SD card. And access network servers with music or films, when you place these files on the network.

You can call up music or video files by selecting **“Open Directory”** or go back via **“Directory Up”**. Select **“Scroll Alphabetically”** to move to the next letter. Once you have selected a song or a directory, press **“Display”**.



Your songs are now in the playlist.

Line-out: Use this function to control external speakers.

Panel: The music plays via integrated speakers in Busch-ComfortTouch®.

Scroll forward or back to the next folder.

Use the following buttons to control the music or video.

Adjust the volume via the slider.



Shuffle



Replay track



Replay folder



Play



Stop



Pause



last track



next track

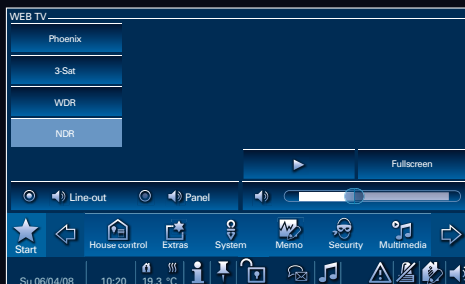
## WEB RADIO



### WEB RADIO

The Busch-*ComfortTouch*® enables the user to stream Internet radio directly on the panel using the Web Radio feature. Audio can be provided by the integrated speaker or in stereo via the line-out output with a connection to an external sound system or active speakers. Up to ten streams can be set using IP Project.

## WEB TV



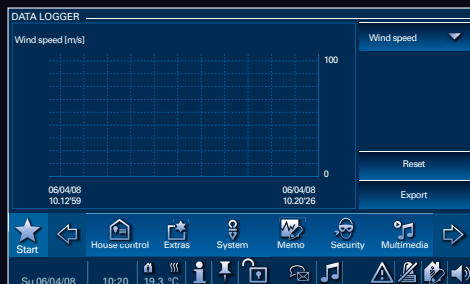
### WEB TV

The Busch-*ComfortTouch*® enables the user to stream Internet TV directly on the panel using the Web TV feature. Audio can be provided by the integrated speaker or in stereo via the line-out output with a connection to an external sound system or active speakers. The image can be displayed in reduced size at the upper left or in full screen mode.

Note: The quality of the full screen image depends on the image size of the stream. Up to ten streams can be set using IP Project.



## DATA LOGGER



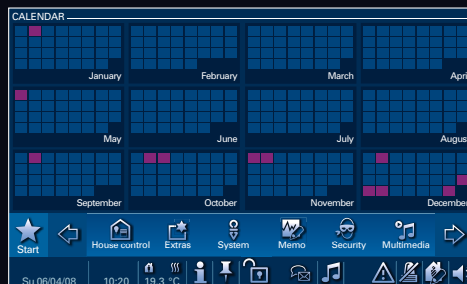
### DATA LOGGER

The data logger integrated in the Busch-ComfortTouch® can graphically display data for up to eight communication objects. If these communication objects are linked with sensors via group addresses, the energy consumption of a house, the power output of a photovoltaic system or the fill level of an oil tank can be visualised, for example.

To ensure that these values can be processed, the Busch-ComfortTouch® stores the data in a predefined directory.



## CALENDAR



### CALENDAR

The Calendar function enables users to specify times on certain days of the year when special scenes are triggered. These presettings can be repeated annually.



## BABY PHONE

Using the Baby Phone application, cameras and microphones of other *ComfortTouch* in the network can be used, for example, to monitor a sleeping baby in a children's room. If the sound levels there exceed a set value, the Baby Phone application establishes an audio/video connection to other selected panels. The connection allows parents to see and talk with the child.



## PHONE (VOIP)

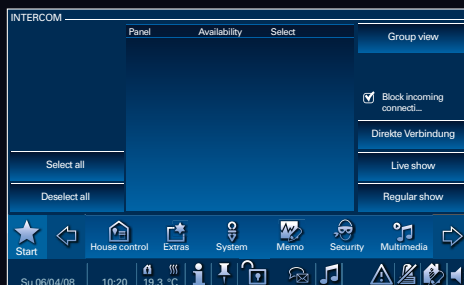


### PHONE (VOIP)

The Busch-ComfortTouch® can be used as an Internet protocol telephone (VoIP phone) with the Telephone (VoIP) application page. However, the following requirements must be met:

- There must be a broadband Internet connection with a transfer rate of at least 100 kbits/s in both directions.
- The Internet provider must allow VoIP.
- For the Busch-ComfortTouch® to be reachable via a conventional call number, an SIP account must be obtained from the Internet provider.

## INTERCOM



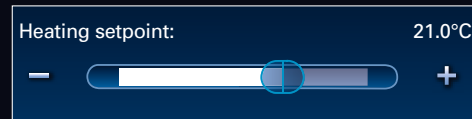
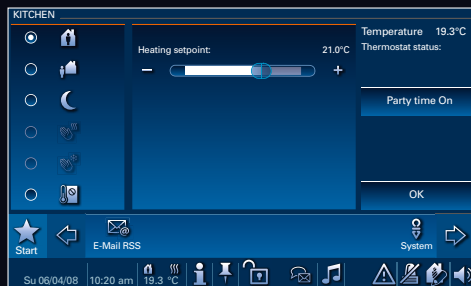
### INTERCOM

The intercom function allows the Busch-ComfortTouch® to also be used as a house phone. This function enables users to connect two or more panels with image and sound. The intercom offers the user three operating modes:

- A direct connection establishes a two-way connection between two panels (both sides can speak). The caller must accept the call.
- A broadcast enables a one-way connection to multiple panels (only the sender can speak). Broadcasts require no acceptance on the receiver side.

# ROOM THERMOSTAT

19.3 °C



## ROOM THERMOSTAT

Touch the temperature in the status bar or the relevant button on a control screen to open the room thermostat.

## OPERATING MODES

### Comfort

Enables you to adjust your heating system for when you are at home. The **“Cooling”** and **“Fan Level”** options are only available with an AC system.

### Standby

Set the temperature for when you are not at home.

### Night mode

Controls the temperature at night.

### Switch-off

Switches off the heating system. Frost/heat protection mode is enabled.

### Manual heating and cooling

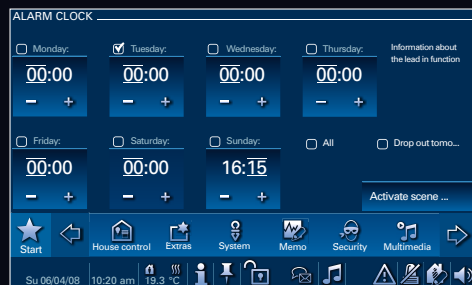
If you have an AC system, this function allows you to adjust the fan level.

### Party mode

Run your heating system for a specific period of time, e.g., if you have guests at your home but the heating system normally switches off at 9 p.m.

### Heating setpoint

Adjust the slider to change the setpoint for the heating system. The information about the status of your heating system is displayed in the status bar.

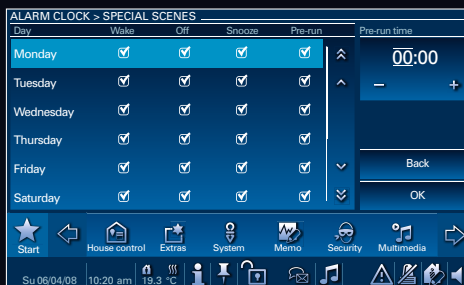


## ALARM CLOCK

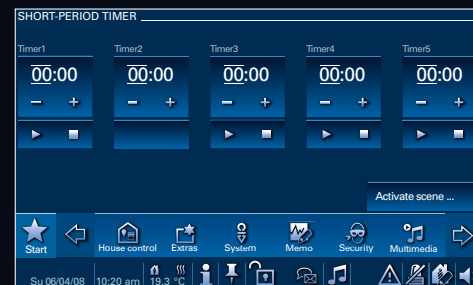
To open the alarm clock, touch the clock in the status bar or the relevant item in the navigation bar.

The alarm clock enables you to set a wake-up time for each day. Place a checkmark beside the time to activate the alarm. The alarm clock icon is displayed above the time in the status bar.

Touch **"All"** to activate all the days of the week.



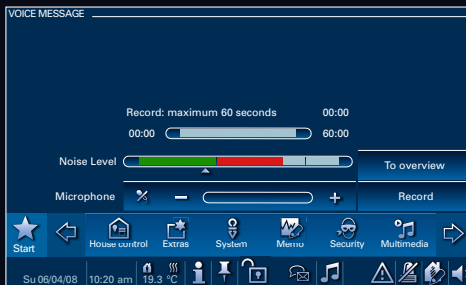
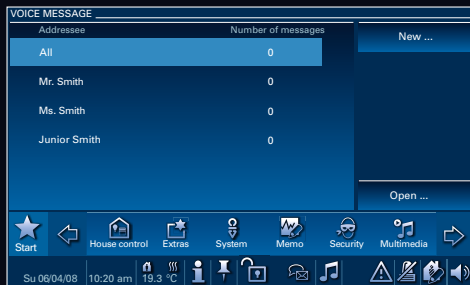
Press **"Drop Out Tomorrow"**, if you do not want to be awoken on the next day. Select **"Activate Scene"** to enable the pre-configured scenes. For more about working with scenes, see **"Scenes/Sequences"**. Use the **"Lead-in"** function to set the pre-run period. This enables you to switch on the heating system an hour before your alarm time so that, e.g., the bathroom is heated to your preferred temperature. Select **"OK"** to apply the settings.



## TIMER

Touch the time or the timer icon in the navigation bar to choose the timer in the selection window.

Set your timers in this window. Your electrician can install up to five timers. Press **"Activate Scene"**. This enables you to select scenes at the start and end of the timer. Once done, select **"OK"** to apply your settings. For more about working with scenes, see **"Scenes/Sequences"**.



## VOICE MESSAGE

You can open voice messages via the navigation bar or relevant icon in the status bar.

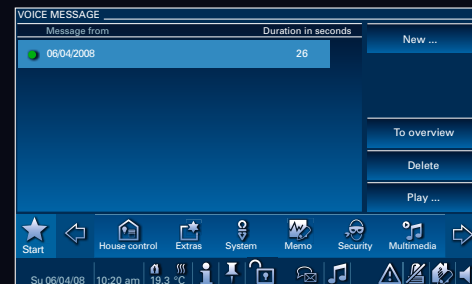
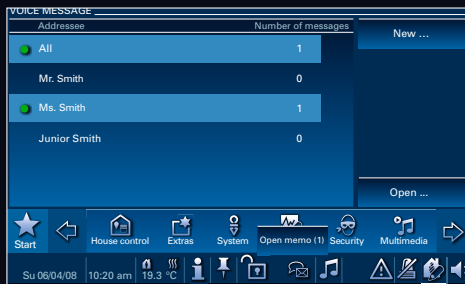
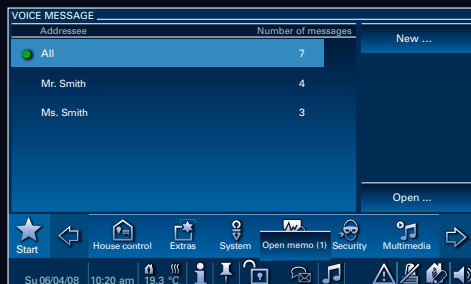
Touch **"New"** to record a voice message.

Select **"Record"** and speak into the integrated microphone.

If you finish before 60 seconds, press **"Finish Recording"**. Otherwise, the recording ends automatically after 60 seconds.

Touch **"Next"** to search for the person for whom the message is intended.

Press **"Save"** to save the message.

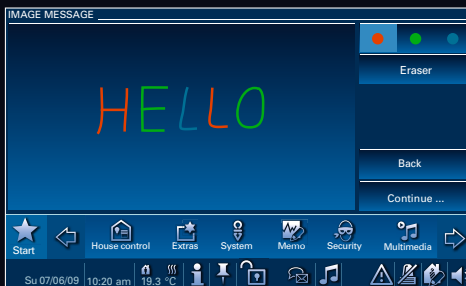
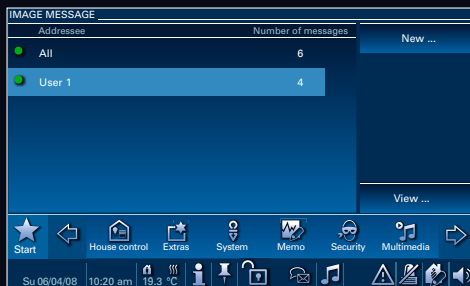


To listen to a message, press the icon in the status bar or the navigation bar.  
Select **"Open Voice Message"**.

The green dot indicates new voice messages.  
Press the name and then **"Open"**.

Select **"Play"** to listen to a message.  
To remove a voice message, press **"Delete"**.  
You can press the icon **"To Overview"** to jump to the user selection.

## IMAGE MESSAGE



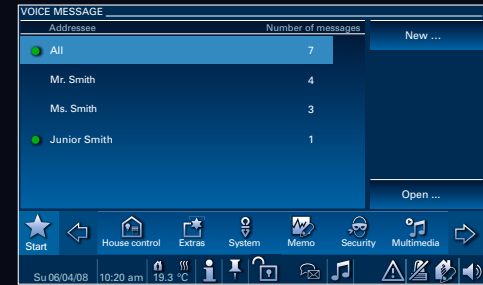
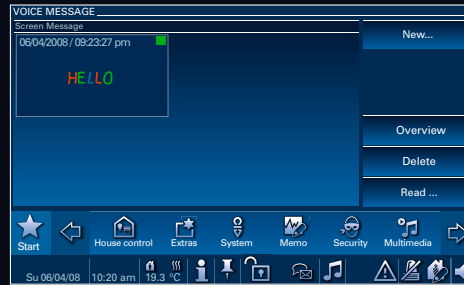
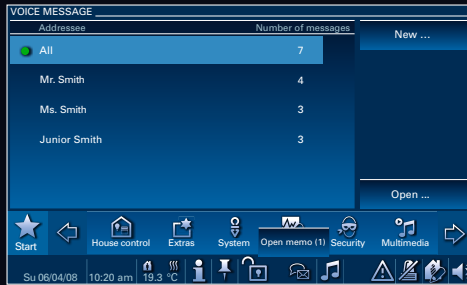
### IMAGE MESSAGE

You can open image messages via the navigation or status bar.

Touch **"New"** to record a new image message.

Leave messages for family members or other persons. It's easy with the stylus pen.  
Press **"Next"** to move to the next screen.

Select the message recipient. Then press **"Save"**. An icon in the status bar indicates a new message.



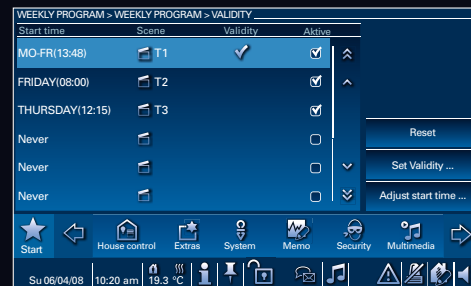
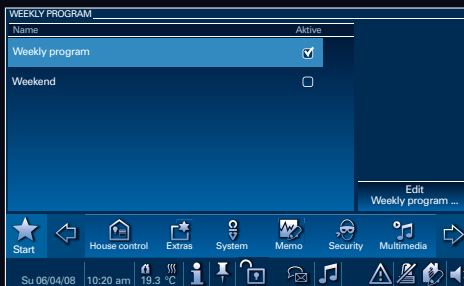
To read a message, touch the icon in the status bar. Then select **“Open Message”**.

The green dot indicates new messages. Press your user name and then **“View”** to view messages. If you have several messages, the green square indicates a new message.

Touch the message and then select **“Read”** to go to the full-page mode or select **“Edit”** to update a message and resend. To remove a message permanently, press **“Delete”**. You can press the **“Overview”** icon to jump to the user selection. Touch **“New”** to record a new message.



## WEEKLY PROGRAM



### WEEKLY PROGRAM

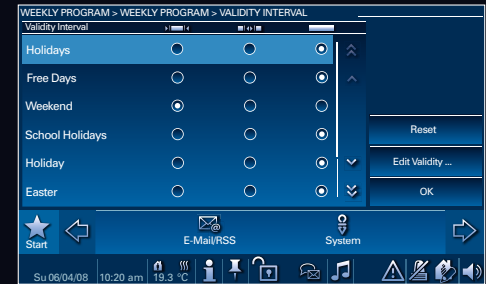
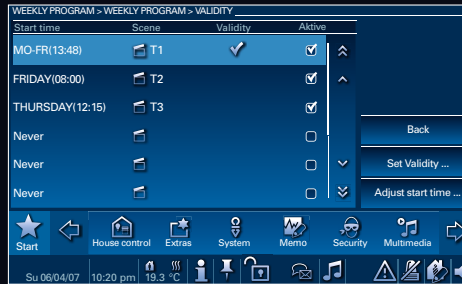
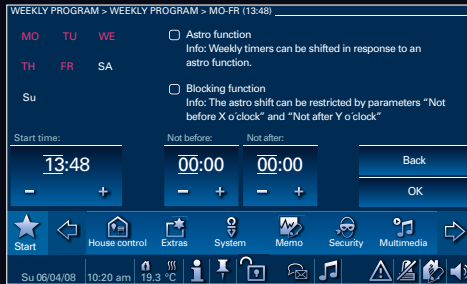
Touch the date in the status bar or the icon in the navigation bar.

Your electrician can add weekly programs to your Busch-ComfortTouch®. Select a weekly program.

Press **“Edit Weekly Program”**.

This screen shows you when and if scenes are active. To change the start time, press **“Set Start Time”**.





To activate a day, press the day on the touchscreen. Days you have selected are highlighted.

**Astro function:** Opens and closes your blinds automatically each day a few minutes later or earlier depending on the season.

When you activate the lock function you can adjust the preconfigured times for the astro function via **“Not Before”** and **“Not After”**.

Press **“OK”** to go to the overview. Press a scene and then **“Set Validity Range”** to open the following view.

Select the icon **“Set Validity Range”** to assign, e.g., the validity range for holidays. Touch the individual days to highlight and add them to the validity range. Press the next month to begin editing. The calendar scrolls left or right when editing.

To select the validity range for individual scenes, press one of the three options.

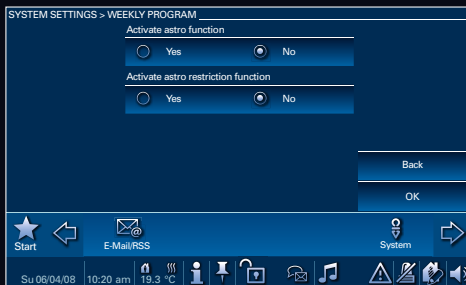
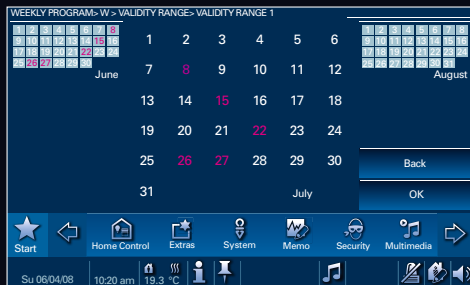


Within the selected days      Outside the selected days      Always

If you have selected a day, e.g., under **“Free Days”** or **“Weekend”** and the **“Outside”** option is selected, the latter is applied.



## WEEKLY PROGRAM

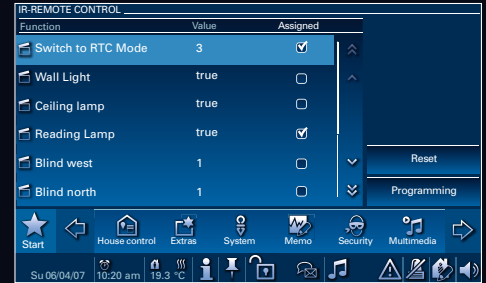
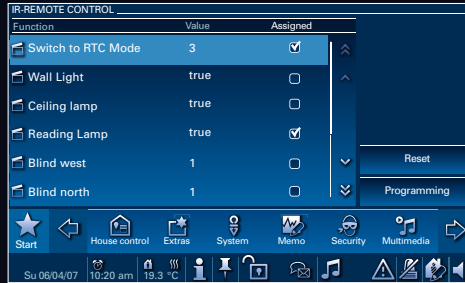
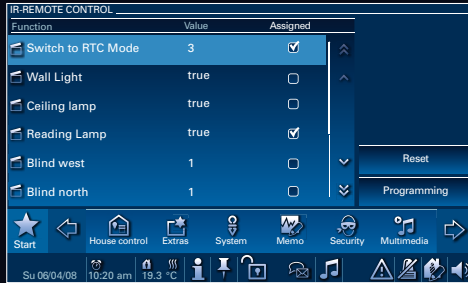


To apply the valid days, press **“OK”**.  
You can also edit the validity range for the other days.  
Press **“OK”** to apply the settings.

Press **“System Settings/Weekly Programs”** and then **“Modify”**.

Enable or disable the astro and lock functions in this view.

Press **“OK”**.



## IR REMOTE CONTROL

Locate the item **"IR remote control"** in the navigation menu.

This opens the window above:

The functions suitable for remote control appear on the left.

Press **"Teach-in"** to assign a function to remote control.

This takes about 5 seconds. During this time, you must press the button on the remote control to assign the function to this button.

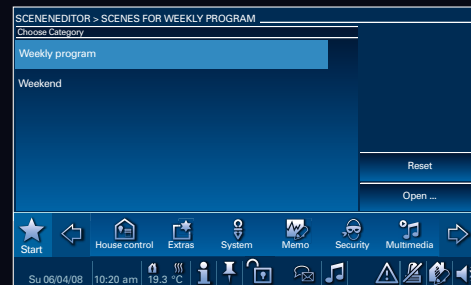
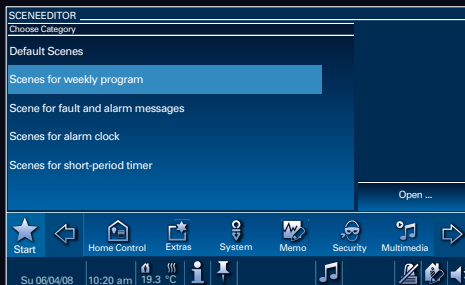
If the procedure was successful, a checkmark appears **"Assigned"**.

Press **"Reset"** to cancel the button for a specific function.

You can select between a Busch-Remote Control® IR and Beo4.



# SCENE EDITOR



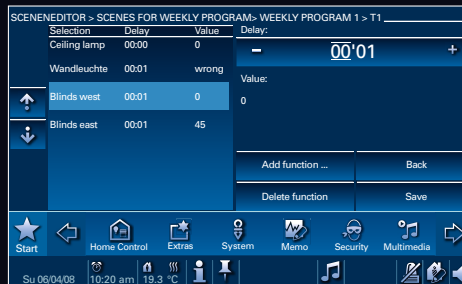
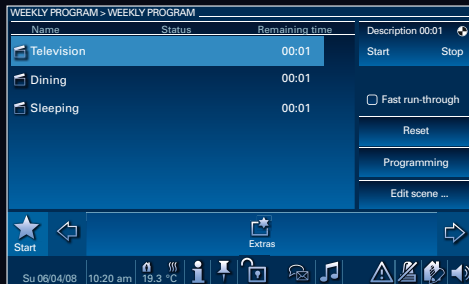
## SCENE EDITOR

Press the scene editor in the navigation bar.

Example: **"Home Control"**.

Find a category that contains a scene you want to change and press **"Open"**.

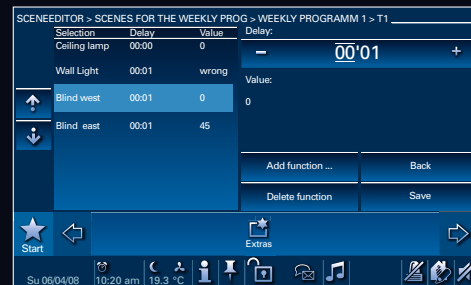
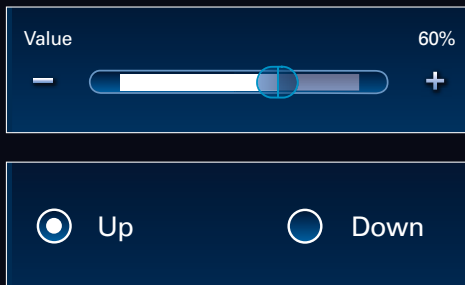
To edit **"Scenes for Weekly Program"**, select the relevant weekly program.



Press a scene to begin editing.  
Touch **"Edit Scene"** to open the view above.

Select an item and press the arrow to change the sequence within a scene. Press **"Add Function"** to add a function.

Place a checkmark beside the function you want to include in the scene. Press **"Insert"** to integrate the scenes.

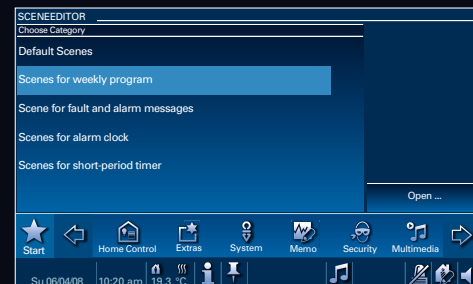
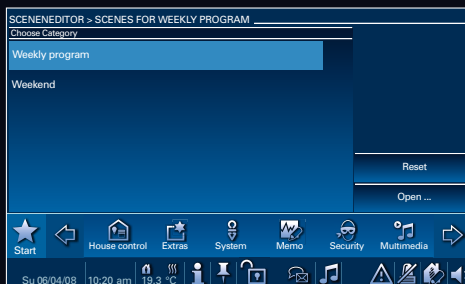
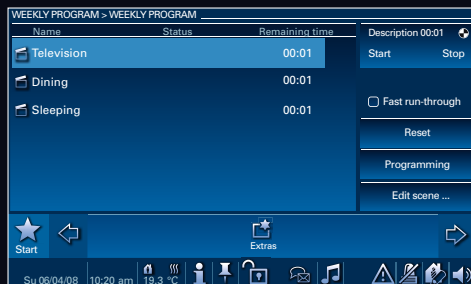


Change the delay time to vary the time interval between two activities.

Use **“Value”** to specify, e.g., whether a blind should be lowered or to set the brightness of the ceiling lamp.

Touch **“Delete Function”** to remove a function from the list.

Press **“Save”** when you are finished editing. Your settings are updated.

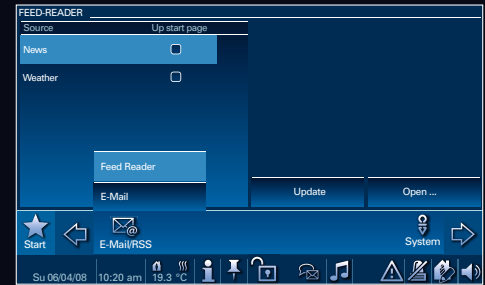
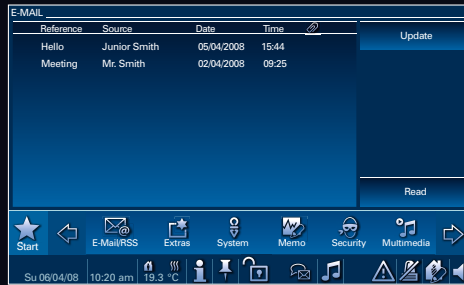
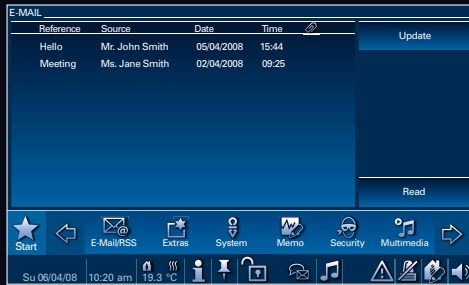


Select **“Teach-in”**, if you have created a cozy atmosphere and want to create a new scene. Place a checkmark beside **“Rapid Run-Through”** and press **“Start”** to play the scene once without delays.

Press **“Back”**, if you want to go to the group selection, e.g., to edit a different scene.

Press **“Back”** if you want to go to the category selection. This screen allows you to edit scenes for other categories.

## E-MAIL/FEED READER



### E-MAIL/FEED READER

To open your e-mail, touch the mail icon in the navigation or status bar.

Select **"E-mail"**.

Press **"Update"** to refresh your mailbox.

Touch an e-mail and press **"Read"** to open individual mail.

New messages are indicated by a green icon.

You can answer e-mails directly with voice or graphic messages.

Touch the icon or the relevant item in the navigation menu.

Press **"Feed Reader"**.

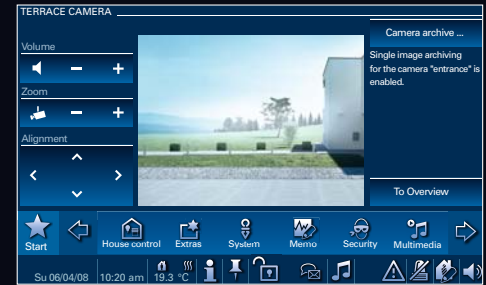
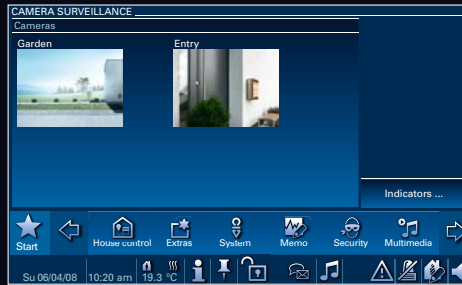
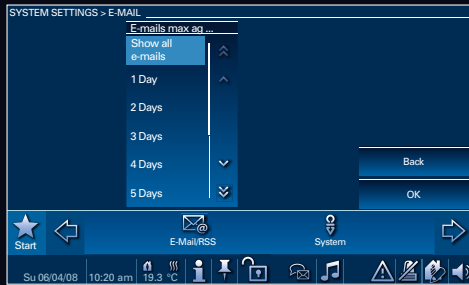
This screen allows you to select the reader you want to update.

Press **"Open"**.

Search for a report in this view. Press **"Read"** to view the message.

Press **"Overview"** to go to the overview.





## CAMERA SURVEILLANCE

Press the Busch-Jaeger icon.

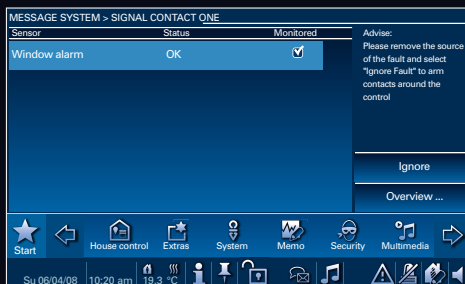
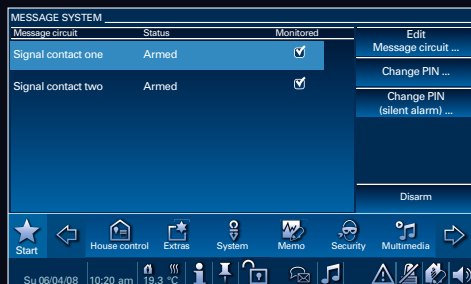
Touch the **"System Settings"** icon.  
Press **"E-mail"** and then **"Modify"**.  
The view shown above is displayed.  
This screen enables you to select the e-mails you want to display in your mailbox.  
Press **"OK"**.

Connect an IP camera to monitor your home surroundings.

The initial screen shows a preview. Press **"Display"** to switch to camera mode.

The buttons enable you to control the IP camera, change the volume and zoom in/out.

To view the most recent images, click on **"Camera archive"**.



## ALARM SYSTEM

Touch the icon in the status bar and then select **"Open Alarm System"**.

This screen displays the alarm circuits connected and their status.

Press an alarm circuit and select **"Edit Signal Contacts"**.

If the status is not OK, you cannot arm the alarm system.

Touch the **"Ignore"** icon to suppress the fault. Enter your PIN code to arm the alarm system.

Press **"Overview"** to go to the overview.

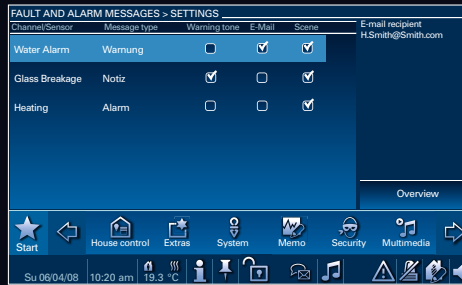
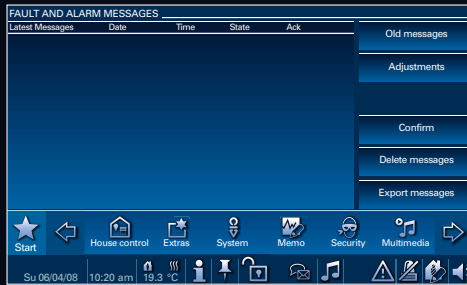
Press **"Change PIN"** to enter a new PIN for the alarm system.

After entering the old PIN, press **"OK"**. Enter your new PIN. Press **"OK"**. Enter the new PIN again and press **"OK"**.

It makes sense to select a different PIN for the **"Silent Alarm"**.



## FAULT AND ALARM MESSAGING



### FAULT AND ALARM MESSAGING

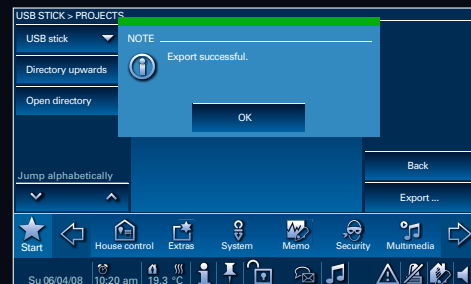
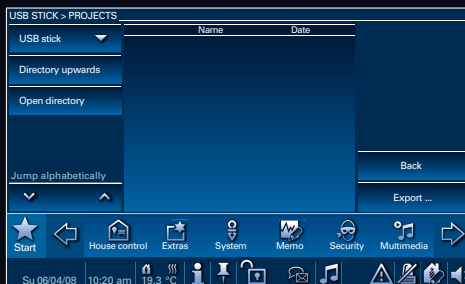
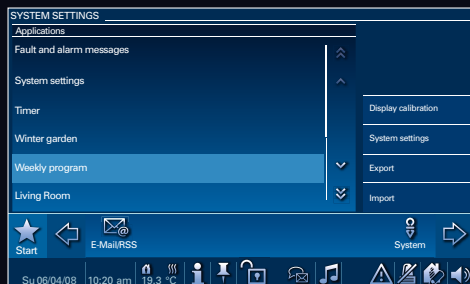
Press **“Old Alarms”** to display the confirmed alarms. Press **“Confirm”** to acknowledge existing alarms.

Touch the **“Settings”** icon to specify how faults are handled.

Select from **“Warning Tone”**, **“E-Mail”** or **“Scene”**. You can also select more than one option.

Press **“Overview”** to go to the overview. Use the **“Delete Alarms”** function to remove an alarm. Press **“Export Alarms”** to export alarms to data storage media.

## IMPORT/EXPORT



### IMPORT / EXPORT

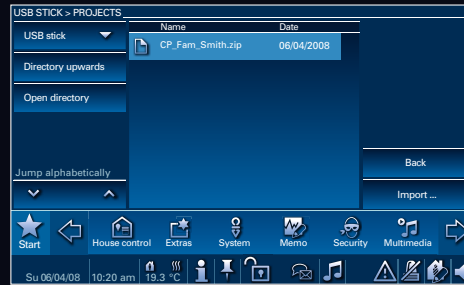
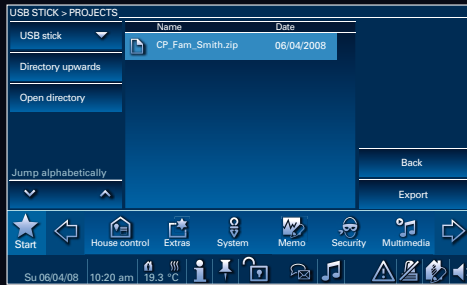
Press the Busch-Jaeger icon.

Use the **“Export”** function to download the project.

Select the destination for the download: USB, SD card, own server.

Touch **“Export”** to download the project.

Press **“OK”** when the export is finished.

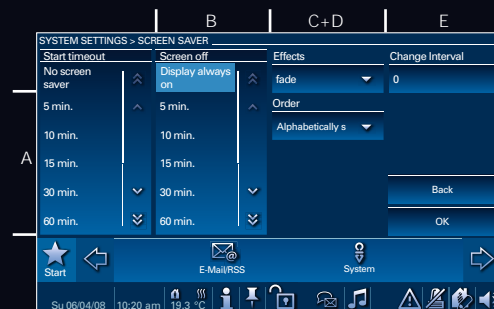
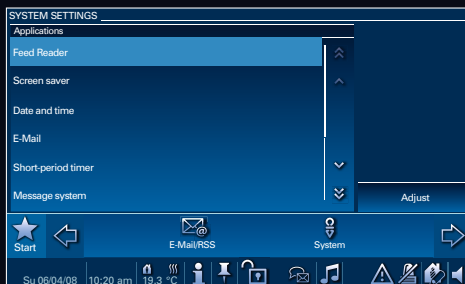
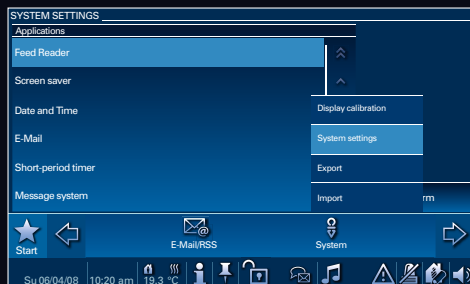


The exported file is now shown in your directory.

Press the Busch-Jaeger icon and then **"Import"**.

Find the project on a drive: USB, SD card or own server.

Select the file and the press **"Import"** to upload a project to your Busch-ComfortTouch®.



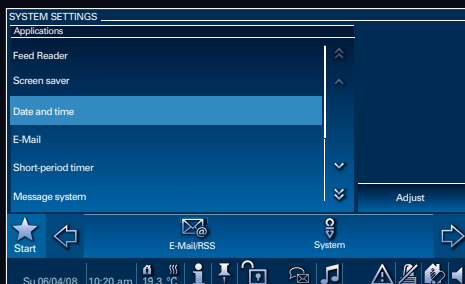
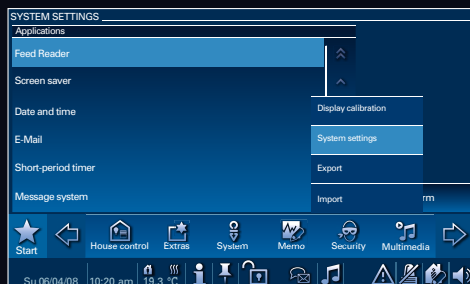
## SCREEN SAVER

Press the Busch-Jaeger icon.  
Press **"System"** in the navigation bar.  
Then press **"System Settings"**.

The view shown above is displayed.  
Press **"Screen Saver"** and then **"Adjust"** to  
change the settings for the screen saver.

The view above is displayed.

- A Set the start time for the screen saver.
  - B Set the time for the display to switch to  
standby mode.
  - C Set the effects (for images only).
  - D Set the sequence for images.
  - E Set the time for changing images.
- Press **"OK"** to apply your settings.



## DATE / TIME

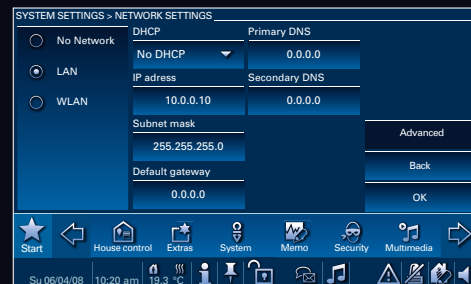
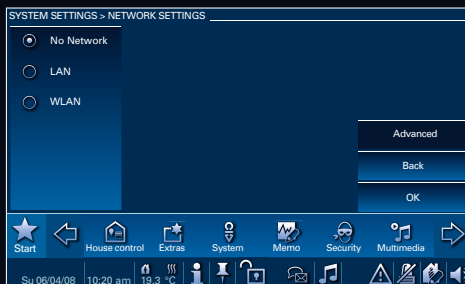
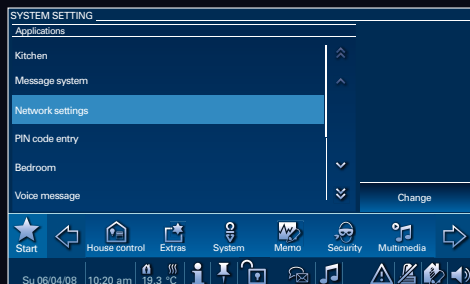
Select **“System Settings”** in this view.

Press **“Date and Time”** and then **“Adjust”**.

The view above is displayed:

- A Set the time in this window.
- B Set the date here.
- C Choose a date format:  
**“DD-MM-YYYY”** or **“MM/DD/YYYY”**  
and a time format: **“24h”**, **“12h”** or  
**“12h am/pm”**.
- D+E Enter your geographical position –  
required for astro functions.
- F Enter your time zone in this window  
to ensure that your *Busch-ComfortTouch®*  
is adjusted automatically for daylight  
saving changes.

# NETWORK SETTINGS



## NETWORK SETTINGS

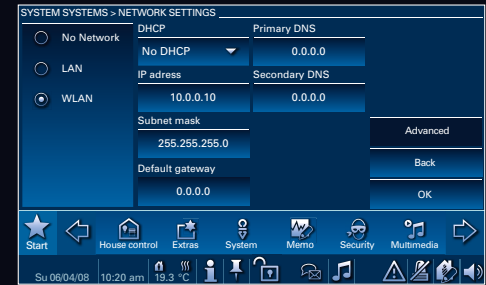
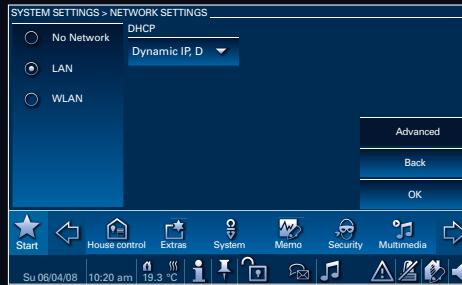
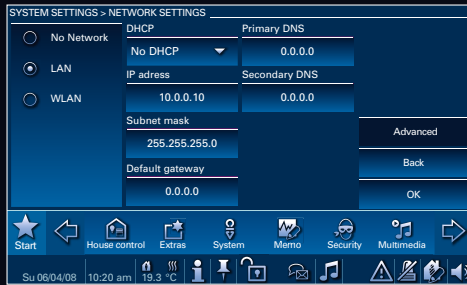
Press the Busch-Jaeger icon in the navigation bar and select **"System Settings"**. Touch the **"Network Settings"** icon. Then press **"Modify"**.

Press **"No Network"**, if you have not set up a network.

Press **"LAN"**, if a network cable is connected to your Busch-ComfortTouch®.

Press **"WLAN"**, if your Busch-ComfortTouch® is part of a wireless network.





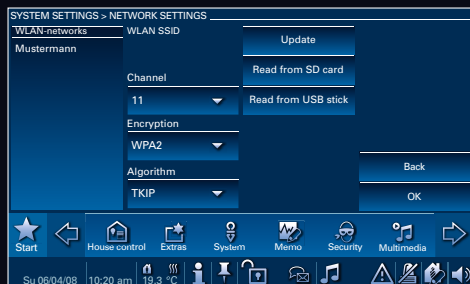
When operating your *Busch-ComfortTouch®* in a network environment, you can specify whether to assign a permanent IP address to *Busch-ComfortTouch®* or select a dynamic IP.

The configuration options available for a LAN connection are identical to those available for a WLAN network.

Special WLAN settings are also available.



## NETWORK SETTINGS

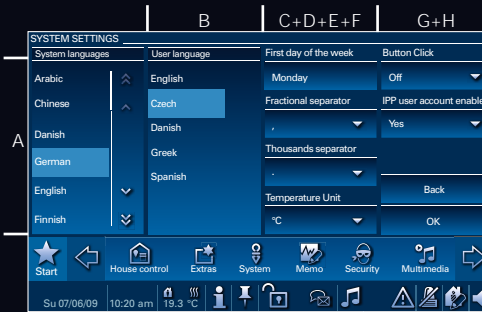
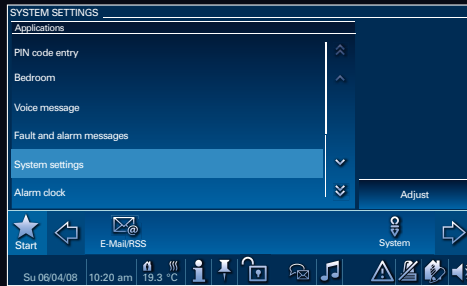


Press **“Advanced”** to display the view above.  
This window shows the available WLAN networks.

Touch the different settings to adjust them to your WLAN network.

Press the icon for **“Read from SD Card”** or **“Read from USB”** to add a text file with the WLAN password.

Press **“OK”** to apply the settings.



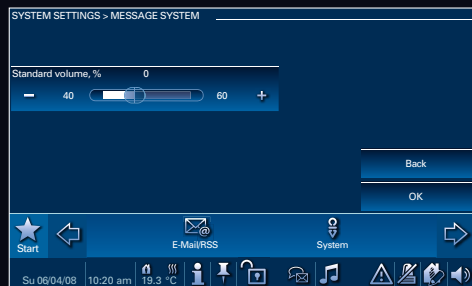
## SYSTEM SETTINGS

Press the Busch-Jaeger icon to display the system settings.

Press **“System Settings”** and then **“Adjust”** to display the view above.

- A Set the system language to determine, e.g., the language of the system dialogs such as notices, messages and alarm messaging.
- B Specify the interface language, e.g., the labeling of elements in the display. This language is used to to operate your *Busch-ComfortTouch®*.
- C Set the first day of the week in this window.
- D Set the decimal separator in this window.
- E Set the thousands separator in this window.
- F Set your temperature display in this window.
- G Switch on/off the click heard when pressing a field.
- H Set up your IPP user account.

## VOLUME CONTROL

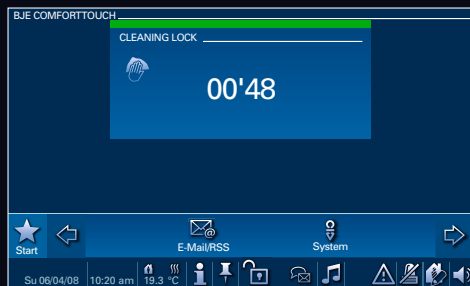


### VOLUME CONTROL

Press the Busch-Jaeger icon.

Touch the **"System Settings"** icon.

Press the button for the **"Timer"**, **"Alarm System"**, **"PIN Code Entry"**, **"Voice Messages"** or **"Fault and Alarm Messaging"** and then select **"Modify"** to adjust the default volume.



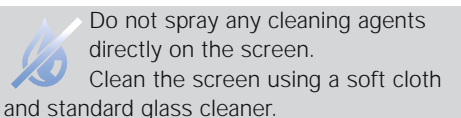
## CLEANING LOCK

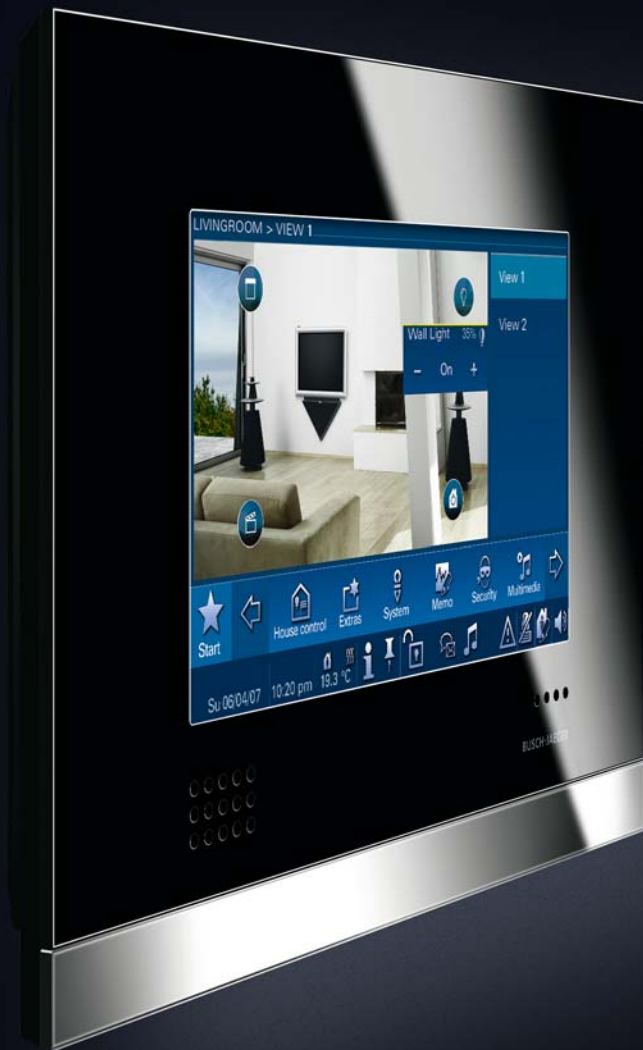
To ensure that functions on Busch-ComfortTouch® are not activated accidentally during housecleaning activities, you can lock the controls for a specific time period.

To switch on the cleaning lock, press and hold the start button.

Once you accept the message, the cleaning lock is activated.

The cleaning lock switches off automatically after 60 seconds.





**Busch-ComfortTouch®**  
Every day an individual experience



D	Bedienungsanleitung
GB	Operation instructions
FR	Instructions d'utilisation
NL	Bedieningshandleiding
IT	Istruzioni per l'uso
ES	Instrucciones de manejo
FI	Käyttöohje
RUS	Руководство по эксплуатации
CN	操作说明书

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for a better world™

